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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10/774,682

Filing Date

02/09/2004

First Named Inventor

Brent M. Segal et al

Art Unit

2811

Examiner Name

TBA

Attorney Docket Number

112020.129US2 NAN-6

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
<b>Remarks</b>		
1. PTO Form 1449 2. 18 Publications		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Wilmer Cutler Pickering Hale and Dorr LLP		
Signature			
Printed name	Peter M. Dichiaro		
Date	11/24/2004	Reg. No.	38,005

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: RUECKES, et al.

Application No.: 10/774,682

Filed: February 9, 2004

For: Nanotube Films and Articles

Group Art Unit: 2811

Examiner: To Be Assigned

Attorney Docket No.: 112020.129 US2 NAN-6

CERTIFICATE OF MAILING (37 C.F.R. § 1.8 a)

I hereby certify that this correspondence is being deposited with the United States Postal Service under 37 CFR 1.8a and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 24, 2004.

By: Tina M. Dougal  
Tina M. Dougal

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97-98, and M.P.E.P. §609, Applicants hereby enclose Forms PTO-1449 that includes publications that have previously been cited in a prior patent application Serial No. 10/128,118 filed April 23, 2002, now U.S. Patent No. 6,706,402 issued March 16, 2004, from which the above application claims priority under 35 U.S.C. §120. With the exception of the following list of publications identified below, pursuant to 37 C.F.R. § 1.98(d), no further copies of the previously cited art are enclosed.

**New U.S. Patents/Publications Not Previously Listed**  
**(Copies not required and not enclosed herewith)**

US-2003/0124837
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**Enclosed Publications**

A1	Winslow, Troy. "Advanced+ Boot Block World's First 0.18-Micron Flash Memory." Flash Products Group. April 17, 2000.
A2	"Double Sided 4Mb SRAM Coupled Cap PBGA Card Assembly Guide." International Business Machines Corp. (IBM), 1998.
A248	Dai, Hongjie. "Controlled Chemical Routes to Nanotube Architectures, Physics, and Devices." <i>The Journal of Physical Chemistry B</i> (1999); 103: 11246-11255.
A249	Colomer, J.-F., et al., "Characterization of Single-Walled Carbon Nanotubes Produced by CCVD Method." <i>Chemical Physics Letters</i> (2001); 345, 11-17.
A251	Cassell, A., et al., "Large Scale Synthesis of Single-Walled Carbon Nanotubes." <i>The Journal of Physical Chemistry B</i> (1999); Vol. 103, No. 22: 6484-6492.
A258	Homma, Y., et al., "Growth of Suspended Carbon Nanotube Networks on 100nm-Scale Silicon Pillars." <i>Applied Physics Letters</i> . (2002); Vol. 81 No. 12, 2261-2263.
A260	Kong, J., et al., "Syntheses of Individual Single-Walled carbon Nanotubes on Patterned Wafers." <i>Nature</i> (1998); 395: 878-881.
A263	Peigney, A., et al., "A Study of the Formation of Single-and-Double-Walled carbon Nanotubes by a CVD Method." <i>The Journal of Physical Chemistry B</i> (2001); 105: 9699-9710.
A264	Franklin, N., et al., "Integration of Suspended Carbon Nanotube Arrays into

	Electronic Devices and Electrochemical Systems." <i>Applied Physics Letters</i> (2002); Vol. 81 No. 5, 913-905.
A267	Reuckes, T., et al., "Carbon Nanotube-Based Nonvolatile Random Access Memory for Molecular Computing." <i>Science</i> , vol. 289, 94-97, July 7, 2000
A269	Soh, et al., "Integrated Nanotube Circuits: controlled growth and ohmic contacting of single-walled carbon nanotubes", <i>Applied Physics Letters</i> , August 2, 1999, Vol. 75, No. 5, 627-629
A276	Snow, E.S. et al., "Random Networks of Carbon Nanotubes as an Electronic Material." <i>Applied Physics Letters</i> , March 31, 2003, Vol. 82, No. 13, 2145-2147.
A277	Bernholc et al., "Mechanical and Electrical Properties of Nanotubes", <i>Annu. Rev. Mater. Res.</i> , 32 (2002) 347.

**Enclosed Foreign Patents/Applications**

EP 0296716 A3

EP 0665187 B1

EP 0947466 A1

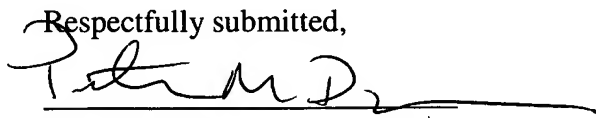
EP 1061040 A1

EP 1061043 A1

It is respectfully requested that the information above be expressly considered and that the publications be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

As this paper is being filed prior to the issuance of a first Office Action on the merits, and pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed to be due. In the event a fee is due, the Commissioner is authorized to charge any fee deficiency or credit any overpayment to Deposit Account No. 08-0219.

Dated: November 24, 2004

Respectfully submitted,  
  
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Submitter, PTO-1449 <b>INFORMATION DISCLOSURE IN AN APPLICATION</b> (Use several sheets if necessary)				Docket Number <b>112020.129US2 NAN-6</b>	Application Number <b>10/774,682</b>
				Applicant <b>SEGAL, Brent M., et al.</b>	
				Filing Date <b>February 9, 2004</b>	Group Art Unit <b>2811</b>
Sheet	1	OF	40		

U.S. Patent Documents				
Examiner Initial	Document No.	Publication Date mm-dd-yyyy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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	US-5,753,088	06/19/1998	Olk	
	US-5,780,101	07/14/1998	Nolan et al.	
	US-5,903,010	05/11/1999	Flory et al.	
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	US-6,060,724	05/09/2000	Flory et al.	
	US-6,063,243	05/16/2000	Zettl et al.	
	US-6,083,624	07/04/2000	Hiura	
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	US-6,221,330 B1	04/24/2001	Moy et al.	
	US-6,231,744 B1	05/15/2001	Ying et al.	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.	

Subt. For, PTO-1449				Docket Number 112020.129US2 NAN-6		Application Number 10/774,682	
<b>INFORMATION DISCLOSURE IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>				Applicant <b>SEGAL, Brent M., et al.</b>			
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U.S. Patent Documents				
Examiner Initial	Document No.	Publication Date mm-dd-yyyy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	US-6,231,980 B1	05/15/2001	Cohen et al.	
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	US-6,237,130 B1	05/22/2001	Soman et al.	
	US-4,853,893	08/01/1989	Eaton, Jr. et al.	
	US-4,888,630	12/19/1989	Paterson	
	US-5,198,994	03/30/1993	Natori	
	US-5,444,421	08/22/1995	Carroll et al.	
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Examiner Initial	Document No.	Publication Date mm-dd-yyyy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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	US-6,166,948	12/26/2000	Parkin et al.	

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U.S. Patent Documents				
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U.S. Patent Documents				
Examiner Initial	Document No.	Publication Date mm-dd-yyyy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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	US-3,740,494	06/19/1973	Dunand et al.	

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U.S. Patent Documents				
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Subt. For, PTO-1449  <b>INFORMATION DISCLOSURE IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>				Docket Number <b>112020.129US2 NAN-6</b>		Application Number <b>10/774,682</b>	
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<b>INFORMATION DISCLOSURE IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>				Applicant <b>SEGAL, Brent M., et al.</b>			
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